

ASME A17.1 Appendix L (2007 vs. 2016) - submitted by Steve Stuard (2-25-19)

ITEM	ELEC ELEV	HYDRO ELEV	ESCA/WALK	2007	2016	COST IMPACT
Access doors and openings	8.7.2.7.3	8.7.2.7.3	8.7.6.1.14,8.7.6.2.14	YES	YES	NA
Access, means	8.7.2.7.3	8.7.2.7.2		NEW, YES	NEW, YES	NA
Access switch	8.7.2.11.4	8.7.3.11		NEW, YES	NEW, YES	NA
Access mach room/space	8.7.2.7.2-3	8.7.2.7.2-3		NEW, YES	NEW, YES	NA
Add elevator existing hoistway	8.7.2.1.2	8.7.2.1.2		YES	YES	NA
AC current to DC	8.7.2.27.3	8.7.3.31.4		YES	YES	NA
Anti-creep leveling device		8.7.2.1.2		YES	YES	NA
Ascending/overspeed/movmt	8.7.2.20	NEW OR TOTALLY REPLACED		YES	YES	NA
Automatic stop valve		8.7.3.24		YES	YES	NA
Automatic transfer device	8.7.7.2	8.7.7.2		YES	YES	NA
Auxiliary power lowering		8.7.3.31.9		YES	YES	NA
Balustrades	IF NEW OR TOTALLY REPLACED		8.7.6.1.5(c), 8.7.6.2.5(c)	YES	YES	NA
Beam, machinery sheave	8.7.2.9	8.7.3.9		YES	YES	NA
Brake	8.7.2.25.1	NEW OR TOTALLY REPLACED, 2.24.8.2		YES	YES	NA
Buffer	8.7.2.23	8.7.3.27	NEW OR TOTALLY REPLACED??	NO	YES	YES
Building Structure	8.7.2.9	8.7.3.9		YES	YES	NA
Bumper	8.7.2.23	8.7.3.27	NEW OR TOTALLY REPLACED??	NO	YES	YES
Cable (rope)	8.7.2.21	8.7.3.25		YES	YES	NA
Capacity	8.7.2.16			YES	YES	NA
Car, decrease/increase weight	8.7.2.15.2	8.7.3.21	ONLY IF MORE THAN 5%	YES	YES	NA
Car door or gate	8.7.2.14	8.7.3.13	ONLY NEWLY ADDED	YES	YES	NA
Car enclosure	8.7.2.14,8.7.2.27.7	8.7.3.13	ONLY NEWLY ADDED SEE 2.27.7	YES/NO	YES	???
Car frame	8.7.2.15.1	8.7.3.14		YES	YES	NA
Car leveling device	8.7.2.27.2	8.7.3.31.2	NOT FOUND IN 2007	NO	YES	???
Car platform	8.7.2.15.1	8.7.3.14		YES	YES	NA
Car safties	8.7.2.18	8.7.3.15		YES	YES	NA
Check valve		8.7.3.24		YES	YES	NA
Class/load change freight	8.7.2.16.2	8.7.3.18		YES	YES	NA
Clearance after reroping	8.7.1.7	8.7.1.7	INCLUDED IN 8.6.2/8.6.3	NO	YES	NA
Clearance, bottom and top	8.7.2.4	8.7.3.4		NO	YES	NA ??
Clearance horizontal	8.7.2.5	8.7.3.5		NO	YES	NA ??
Combplates			8.7.6.1.8,8.7.6.2.8	NO	YES	YES ??
Construction bottom hoistway	8.7.2.1.4	8.7.2.1.4		YES	YES	NA

Construction top hoistway	8.7.2.1.3	8.7.2.1.3		YES	YES	NA	
Construction escalator/walks			8.7.6.1.5, 8.7.6.2.5	NO	YES	NA	??

Contact, mechanical lock	8.7.2.11.2	8.7.3.11		NO	YES	NA	??
Control, change in motion	8.7.2.27.5	8.7.3.31.6		YES	YES	NA	
Control, change in operation	8.7.2.27.6	8.7.3.31.7		YES	YES	NA	
Control equipment	8.7.2.27	8.7.3.31	2007 REFERENCED ONLY 8.7.2.27.4	OPEN DISCUSSION			
Control, smoke hot gases	8.7.2.1.5	8.7.2.1.5	2007 H/W ENCLOSURE 8.7.2.1	YES	YES	NA	
Control valve		8.7.3.24		YES	YES	NA	
Controller	8.7.2.27.4	8.7.3.31.5	SEE 3RD LINE ABOVE	YES	YES	NA	
Counterweight	8.7.2.22	8.7.3.26		NO	YES	NA	??
Counterweight location/guard	8.7.2.3	8.7.3.3		YES	YES	NA	
Counterweight rod type	8.7.2.22.2			NO	YES	???	
Counterweight safeties	8.7.2.18	8.7.3.15		YES	YES	NA	
Cylinder		8.7.3.23.3		YES	YES	NA	
Data plate, code	8.7.1.8	8.7.1.8		NO	NO	NA	
Dead weight change in car	8.7.2.15.2	8.7.3.21		YES	YES	NA	
Decrease in travel	8.7.2.17.1	8.7.3.22.1		YES	YES	NA	
Design	8.7.1.5	8.7.1.5		OPEN DISCUSSION			
Direct current to AC current	8.7.2.27.3	8.7.3.31.4		YES	YES	NA	
Door, Car	8.7.2.14	8.7.3.13		YES	YES	NA	
Door, hoistway	8.7.2.10.1	8.7.3.10		YES	YES	NA	
Door, machine room	8.7.2.7.3	8.7.2.7.3		OPEN DISCUSSION NOT PREVIOUSLY ADDRESSED			
Door, power operation	8.7.2.12	8.7.3.12		OPEN DISCUSSION NOT PREVIOUSLY ADDRESSED			
Doors, reopening device	8.7.2.13	8.7.2.13		OPEN DISCUSSION NOT PREVIOUSLY ADDRESSED			
Doors, restricted opening	8.7.2.11.5	8.7.2.11.5		OPEN DISCUSSION NOT PREVIOUSLY ADDRESSED			
Driving machine	8.7.2.25.1	8.7.3.23		YES	YES	NA	
Driving Mach change location	8.7.2.25.2	8.7.3.23.4		YES	YES	NA	
Duct H/W, machine room	8.7.2.8	8.7.3.8	OPEN DISCUSSION	YES	YES	???	
Dumbwaiter auto transfer	8.7.7.2	8.7.7.2	OPEN DISCUSSION	NO	YES	??	
Dm'watr without auto transfer	8.7.7	8.7.7	OPEN DISCUSSION	NO	YES	??	
Egress Escalator			8.7.6.1.15	YES	YES	NA	
Elec contact mach lock	8.7.2.11.2	8.7.3.11	OPEN DISCUSSION	NO	YES	NA	??
Electric Wiring	8.7.2.8	8.7.3.8	OPEN DISCUSSION	YES	YES	??	
Elect control valve		8.7.3.2.4		YES	YES	NA	
Emergency door	8.7.2.10.1	8.7.2.10.1		YES	YES	NA	

Emergency operation	8.7.2.28	8.7.3.31.8		YES	YES	NA
Emergency signal device	8.7.2.28	8.7.3.31.8	DISCUSS (a)	YES	YES	NA
Enclosure, car	8.7.2.14, 8.7.2.27.7	8.7.3.13	DISCUSS ENTIRE	YES	YES	NA
Enclosure, hoistway	8.7.2.1	8.7.3.1		YES	YES	NA
Enclosure, mach space/room	8.7.2.7	8.7.2.7	6.1.7, 6.2.7	OPEN DISCUSSION		
Entrance, esca/moving walk			8.7.6.1.15	OPEN DISCUSSION		
Entrance, hoistway	8.7.2.10	8.7.3.10	NOT ENTIRELY			
Entrance, horizontal slide	8.7.2.10.2	8.7.2.10.2		YES	YES	NA
Entrance, swing	8.7.2.10.4	8.7.2.10.4		YES	YES	NA
Entrance, vertical slide	8.7.2.10.3	8.7.2.10.3		YES	YES	NA
Entrance assembly marking	8.7.2.10.5	8.7.2.10.5	CANADA ONLY			
Equipment non-elevator	8.7.2.8	8.7.2.8		YES	YES	NA
Fastening suspension ropes	8.7.2.21	8.7.3.25	WEDGE??	YES	YES	NA
Final terminal stopping dev	8.7.2.26	8.7.2.26	OPEN DISCUSSION	NO	YES	??
Firefighter's service	8.7.2.28	8.7.3.31.6		YES	YES	NA
Fitting, hydraulic		8.7.3.24		YES	YES	NA
Foundation	8.7.2.9	8.7.3.8	SEE MACHINERY	YES	YES	NA
Frame, car	8.7.2.15.1	8.7.3.14		YES	YES	NA
Freight, change class loading	8.7.2.16.2	8.7.3.18		YES	YES	NA
Freight, change to passenger	8.7.2.16.1	8.7.3.17		YES	YES	NA
Freight, permit carry pass	8.7.2.16.3	8.7.3.19		YES	YES	NA
Frequency, change in	8.7.2.27.3	8.7.3.31.4		YES	YES	NA
Gate, car	8.7.2.14	8.7.3.13	OPEN DISCUSSION	YES	YES	NA
General requirements	8.7.1	8.7.1	OPEN DISCUSSION	NO	YES	NA
Geometry			8.7.6.1.5(b), 8.7.6.2.5(b)	YES	YES	NA
Governor	8.7.2.19	8.7.3.16	OPEN DISCUSSION	NO	YES	??
Governor rope	8.7.2.19	8.7.3.16	OPEN DISCUSSION	NO	YES	??
Guide rail	8.7.2.24	8.7.3.28	OPEN DISCUSSION	NO	YES	??
Guide shoe, car	8.7.2.15.1	8.7.3.14		YES	YES	NA
Guide shoe, counterweight	8.7.2.22	8.7.3.26	OPEN DISCUSSION	NO	YES	??
Hand elevators		8.7.4.3		YES	YES	NA
Handrails (esca & move walks)	OPEN DISCUSSION		8.7.6.1.6, 8.7.6.2.6	NO	YES	??
Headroom in Machine room	8.7.2.7.4	8.7.2.7.4	OPEN DISCUSSION	NO	YES	??
Hoistway, addition of elevator	8.7.2.1.2	8.7.2.1.2		YES	YES	NA

Hoistway, construction bottom	8.7.2.1.4	8.7.2.1.4		YES	YES	NA
Hoistway, construction top	8.7.2.1.3	8.7.2.1.3		YES	YES	NA
Hoistway, project space below	8.7.2.6	8.7.3.6	OPEN DISCUSSION	NO	YES	NA
Hoistway door pwr operation	8.7.2.12	8.7.3.12	OPEN DISCUSSION INCLUSIVE	NO	YES	??
Hoistway door interlocks	8.7.2.11.1	8.7.3.11	OPEN DISCUSSION INCLUSIVE	NO	YES	??
Hoistway door locking device	8.7.2.11	8.7.3.11	OPEN DISCUSSION INCLUSIVE	NO	YES	??
Hoistway door unlock device	8.7.2.11.4	8.7.3.11	OPEN DISCUSSION INCLUSIVE	NO	YES	??
Hoistway enclosure	8.7.2.1	8.7.3.1		YES	YES	NA
Hoistway entrance	8.7.2.10	8.7.3.10	OPEN DISCUSSION INCLUSIVE	NO	YES	NA
Horizontal slide entrance	8.7.2.10.2	8.7.2.10.2		YES	YES	NA
Illumination in car	8.7.2.14	8.7.3.13		YES	YES	NA
Incline elevators	8.7.5.1	8.7.5.1	OPEN DISCUSSION INCLUSIVE	NO	YES	??
Incline, angle of			8.7.6.1.5(a), 8.7.6.2.5(a)	YES	YES	NA
Increase in car dead weight	8.7.2.15.2	8.7.3.21		YES	YES	NA
Increase rated load	8.7.2.16.4	8.7.3.20		YES	YES	NA
Increase rate speed	8.7.2.17.2	8.7.3.22.2		YES	YES	NA
Increase travel	8.7.2.17.1	8.7.3.22.1		YES	YES	NA
Increase working pressure		8.7.3.23.4		YES	YES	NA
Inspection	8.7.1.3	8.7.1.3	OPEN DISCUSSION INCLUSIVE	NO	YES	??
Interlock	8.7.2.11.1	8.7.3.11		YES	YES	NA
Jack, hydraulic		8.7.3.23		YES	YES	NA
Label entrance assembly	8.7.2.10.5	8.7.2.10.5		NO	YES	??
Leveling device	8.7.2.27.2	8.7.3.31.2	OPEN DISCUSSION	NO	YES	??
Lighting in car	8.7.2.14.2(f)	8.7.3.13		YES	YES	NA
Lighting escalator/walk		DISCUSSION	8.7.6.1.14, 8.7.6.2.14	NO	YES	??
Lighting machine room	8.7.2.7.6	8.7.3.20	OPEN DISCUSSION			
Load, increase in	8.7.2.16.4	8.7.3.18		YES	YES	NA
Loading change in class	8.7.2.16.2	8.7.3.18		YES	YES	NA
Location drive mach change	8.7.2.25.2	8.7.3.23.4		YES	YES	NA
Location hydro jack change		8.7.3.23.5		YES	YES	NA
Location hydro mach change		8.7.3.23.6		YES	YES	NA
Lock, contact	8.7.2.11.2	8.7.3.11	OPEN DISCUSSION			
Locking device HW door	8.7.2.11	8.7.3.11	OPEN DISCUSSION INCLUSIVE			
Machine room	8.7.2.7	8.7.3.7	OPEN DISCUSSION INCLUSIVE			

Machinery equipment	8.7.2	8.7.3	OPEN DISCUSSION INCLUSIVE			
Machinery space	8.7.2.7	8.7.3.7	OPEN DISCUSSION			
Marking entrance assembly	8.7.2.10.5	8.7.2.10.5	CANADA ONLY			
Material lift auto transfer	8.7.7.3	8.7.7.3	OPEN DISCUSSION			
Means access machine room	8.7.2.7.2	8.7.2.7.2	OPEN DISCUSSION			
Mech lock electric contact	8.7.2.11.2	8.7.3.11	OPEN DISCUSSION			
Mech operated control valve		8.7.3.24		YES	YES	NA
Motion control change	8.7.2.27.5	8.7.3.31.6		YES	YES	NA
Moving walks			8.7.6.2	OPEN DISCUSSION INCLUSIVE		
Normal terminal stop device	8.7.2.26	8.7.3.30	OPEN DISCUSSION INCLUSIVE			
Number elevators in HW	8.7.2.1.2	8.7.2.1.2		YES	YES	NA
Oil buffer	8.7.2.23	8.7.3.27		NO	YES	??
Operating device	8.7.2.27	8.7.3.31		YES	YES	NA
Operating device top car	8.7.2.27.1	8.7.3.31.1		YES	YES	NA
Operation control change	8.7.2.27.6	8.7.3.31.7		YES	YES	NA
Parking device	8.7.2.11.3	8.7.3.11	OPEN DISCUSSION			
Pass change freight service	8.7.2.16.1	8.7.3.17		YES	YES	NA
Passenger to carrying freight	8.7.2.16.3	8.7.3.19		YES	YES	NA
Phase I and II operation	8.7.2.28	8.7.3.31.8		YES	YES	NA
Phases, change in number	8.7.2.27.3	8.7.3.31.4		YES	YES	NA
Pipe in HW/Mach room	8.7.2.8	8.7.3.8		YES	YES	NA
Piping supply		8.7.3.24		YES	YES	NA
Piston		8.7.3.23.2		YES	YES	NA
Pit	8.7.2.2	8.7.3.2	OPEN DISCUSSION SUMP PUMP???			
Platform, car	8.7.2.15.1	8.7.3.14		YES	YES	NA
Plunger		8.7.3.23.2		YES	YES	NA
Power operation HW door	8.7.2.12	8.7.3.12	OPEN DISCUSSION			
Power supply change in	8.7.2.27.3	8.7.3.31.4		YES	YES	NA
Power unit (hydro machine)		8.7.3.23.6		YES	YES	NA
Pressure tank		8.7.3.29	OPEN DISCUSSION	NO	YES	??
Pressure working increase		8.7.3.23.4		YES	YES	NA
Pressurizing of hoistway	8.7.2.1.5	8.7.3.1	OPEN DISCUSSION	NO	YES	??
Protection of floor opening		OPEN DISCUSSION	8.7.6.1.3, 8.7.6.2.3	NO	YES	??
Protection space below HW	8.7.2.6	8.7.3.6		YES	YES	NA

Protection truss MR from fire			8.7.6.1.4, 8.7.6.2.4	YES	YES	NA
Rack pinion	8.7.4.1			YES	YES	NA
Rated load increase in	8.7.2.16.4	8.7.3.20	8.7.6.1.11, 8.7.6.2.11	YES	YES	NA
Rated speed decrease in	8.7.2.17.3	8.7.3.22.3		YES	YES	NA
Rate speed increase in	8.7.2.17.2	8.7.3.22.2		YES	YES	NA
Relief valve		8.7.3.24		YES	YES	NA
Relocate escalator			8.7.6.1.2	YES	YES	NA
Relocate hydraulic machine		8.7.3.23.6		YES	YES	NA
Relocate moving walk			8.7.6.2.2	YES	YES	NA
Repair	8.7.1.7	8.7.1.7	8.7.1.7	OPEN DISCUSSION INCLUSIVE		
Replacement	8.7.1.7	8.7.1.7	8.7.1.7	OPEN DISCUSSION INCLUSIVE		
Reroping	8.7.2.21.1	8.7.3.25		YES	YES	NA
Restricted opening of doors	8.7.2.11.5	8.7.2.11.5	OPEN DISCUSSION			
Rise, increase or decrease in	8.7.2.17.1	8.7.3.22.1		YES	YES	NA
Roller guide counterweights	8.7.2.22	8.7.2.22	OPEN DISCUSSION	NO	YES	??
Rooftop elevators	8.7.5.6	8.7.5.6		YES	YES	NA
Rope, change material etc.	8.7.2.21.1	8.7.3.25.1	OPEN DISCUSSION			
Rope, governor	8.7.2.19	8.7.3.16	OPEN DISCUSSION			
Rope, replacement	8.7.1.7	8.7.1.7	OPEN DISCUSSION			
Rope, splicing of	8.7.1.7	8.7.1.7	OPEN DISCUSSION			
Rope, suspension	8.7.2.21.1	8.7.3.25	OPEN DISCUSSION			
Rope equalizer	8.7.2.21.3	8.7.3.25.2	OPEN DISCUSSION			
Runby	8.7.2.4	8.7.3.4	OPEN DISCUSSION	NO	YES	??
Runby after Reroping	8.7.2.4	8.7.3.4	OPEN DISCUSSION	NO	YES	??
Safeties	8.7.2.18	8.7.3.15		YES	YES	NA
Safety devices		OPEN DISCUSSION	8.7.6.1.13, 8.7.6.2.13	NO	YES	??
Screw column elevators	8.7.4.2			YES	YES	NA
Service, change in type	8.7.2.16.1	8.7.3.17		YES	YES	NA
Sheave, driving machine	8.7.2.25.1	8.7.2.25.1		YES	YES	NA
Sheave, governor	8.7.2.19	8.7.2.19	OPEN DISCUSSION			
Sheave beam	8.7.2.9	8.7.3.8	OPEN DISCUSSION	YES	YES	NA
Shipboard elevators	8.7.5.8		OPEN DISCUSSION	NO	YES	??
Shorten suspension ropes	8.7.1.7	8.7.1.7	CANADA ONLY ??			
Sidewalk elevators	8.7.5.5	8.7.5.5		YES	YES	NA

Signaling devices	8..7.2.28	8.7.3.31.6		YES	YES	NA
Skylight in machine room	8.7.2.7.5	8.7.3.7	OPEN DISCUSSION			
Sleeving		8.7.3.23.3		YES	YES	NA
Smoke, control of	8.7.2.1.5	8.7.2.1.5	OPEN DISCUSSION	NO	YES	NA
Special purpose elevators	8.7.5.7			YES	YES	NA
Speed, increase	8.7.2.17.2	8.7.3.22.2		YES	YES	NA
Speed governor	8.7.2.19	8.7.3.16	OPEN DISCUSSION	NO	YES	??
Spring buffer	8.7.2.27	8.7.3.27	CHECK APX L LOOKS LIKE THIS IS MISSNUMBERED			
Step system			8.7.6.1.7	YES	YES	NA
Stop switch, in car	8.7.2.14.5	8.7.3.13, 8.7.2.14.5	CAR TOP RAILING???			
Stop valve		8.7.3.24		YES	YES	NA
Stopping device terminal	8.7.2.26	8.7.3.30	OPEN DISCUSSION	NO	YES	NA
Storage and discharge tank		8.7.3.29	OPEN DISCUSSION	NO	YES	??
Supply piping		8.7.3.24		YES	YES	NA
Support	8.7.2.9	8.7.3.9	OPEN DISCUSSION	YES	YES	
Suspension rope	8.7.2.21.1	8.7.3.25	OPEN DISCUSSION			
Suspension rope, replacement	8.7.1.7	8.7.1.7	OPEN DISCUSSION			
Suspension rope, splicing of	8.7.1.7	8.7.1.7	OPEN DISCUSSION			
Suspension rope, equalizer	8.7.2.21.2	8.7.3.25.2	OPEN DISCUSSION			
Swing type entrance	8.7.2.10.4	8.7.2.10.4		YES	YES	NA
Tank		8.7.3.29	OPEN DISCUSSION	NO	YES	??
Temporary wiring	8.7.1.6	8.7.1.6	8.7.1.6	NO	OPEN DISCUSSION	
Terminal stopping device	8.7.2.26	8.7.3.30	OPEN DISCUSSION			
Testing	8.7.1.3	8.7.1.3	8.7.1.3 OPEN DISCUSSION			
Top of car operating device	8.7.2.27.1	8.7.3.31.1		YES	YES	NA
Track system			8.7.6.1.10, 8.7.6.2.10	YES	YES	NA
Transfer devices, automatic	8.7.7.2	8.7.7.2	OPEN DISCUSSION	NO	YES	??
Travel, increase or decrease in	8.7.2.17.1	8.7.3.22.1		YES	YES	NA
Treadway system			8.7.6.2.7	YES	YES	NA
Truck zoning device	8.7.2.27.2	8.7.3.31.2		NO	YES	??
Truss and girders			8.7.6.1.9, 8.7.6.2.9	YES	YES	NA
Type of operation change in	8.7.2.27.6	8.7.3.31.5		YES	YES	NA
Type of service, change in	8.7.2.16.1			YES	YES	NA
Unlocking device HW door	8.7.2.11.4	8.7.3.11	OPEN DISCUSSION			

Valve		8.7.3.24		YES	YES	NA
Ventilation of machine room	8.7.2.7.7	8.7.2.7.7	OPEN DISCUSSION			
Vertical slide type entrance	8.7.2.10.3	8.7.2.10.3		YES	YES	NA
Voltage, change in	8.7.2.27.3	8.7.3.31.4		YES	YES	NA
Walls, hoistway enclosure	8.7.2.1.1	8.7.3.1	OPEN DISCUSSION	YES	YES	NA
Welding	8.7.1.4, 8.8	8.7.1.4, 8.8	8.7.1.4, 8.8	NO	OPEN DISCUSSION	??
Window in machine room	8.7.2.7.5	8.7.2.7.5	OPEN DISCUSSION			
Wire rope	8.7.2.21	8.7.3.25	OPEN DISCUSSION			
Wiring	8.7.2.8	8.7.3.8		YES	YES	NA
Wiring, temporary	8.7.1.6	8.7.1.6	8.7.1.6	NO	YES	NA
Working pressure increase in		8.7.3.23.4		YES	YES	NA

NONMANDATORY APPENDIX L INDEX OF ALTERATION REQUIREMENTS FOR ELECTRIC ELEVATORS, HYDRAULIC ELEVATORS, ESCALATORS, AND MOVING WALKS

PERMITS REQUIRED FOR ALL ALTERED ITEMS AS LISTED

~~NO PERMIT REQUIRED~~
* R - REPLACEMENT PERMIT REQUIRED

Item	Electric Elevators	Hydraulic Elevators	Escalators and Moving Walks
Access doors and openings	8.7.2.7.3	8.7.2.7.3	8.7.6.1.14, 8.7.6.2.14
Access, means	8.7.2.7.3	8.7.2.7.2	...
Access switch	8.7.2.11.4	8.7.3.11	...
Access to machine room and spaces	8.7.2.7.2, 8.7.2.7.3	8.7.2.7.2, 8.7.2.7.3	...
Addition of elevator to existing hoistway	8.7.2.1.2	8.7.2.1.2	...
Alteration requirements	8.7.1.1	8.7.1.1	8.7.1.1
Alternating current, change to direct	8.7.2.27.3	8.7.3.31.4	...
Anticreep leveling device	...	8.7.3.31.3	...
Ascending car overspeed and unintended movement	8.7.2.20	...	...
Automatic stop valve	...	8.7.3.24	...
Automatic transfer device	8.7.7.2	8.7.7.2	...
Auxiliary power lowering operation	...	8.7.3.31.9	...
Balustrades	...	...	8.7.6.1.5(c), 8.7.6.2.5(c)
Beam, machinery and sheave	8.7.2.9	8.7.3.9	...
Brake	8.7.2.25.1	...	...
Buffer	8.7.2.23	8.7.3.27	...
Building structure	8.7.2.9	8.7.3.9	...
Bumper	8.7.2.23	8.7.3.27	...
Cable (rope)	8.7.2.21	8.7.3.25	...
Capacity	8.7.2.16	...	...
Car, decrease or increase in deadweight of	8.7.2.15.2	8.7.3.21	...
Car door or gate	8.7.2.14	8.7.3.13	...
Car enclosure	8.7.2.14, 8.7.2.27.7	8.7.3.13	...
Car frame	8.7.2.15.1	8.7.3.14	...
Car leveling device	8.7.2.27.2	8.7.3.31.2	...
Car platform	8.7.2.15.1	8.7.3.14	...
Car safeties	8.7.2.18	8.7.3.15	...
Check valve	...	8.7.3.24	...
Class of freight loading, change of	8.7.2.16.2	8.7.3.18	...
Clearance, after reroping	8.7.1.7	8.7.1.7	...
Clearance, bottom and top	8.7.2.4	8.7.3.4	...
Clearance, horizontal	8.7.2.5	8.7.3.5	...
Combplates	...	...	...
Construction at bottom of hoistway	8.7.2.1.4	...	8.7.6.1.8, 8.7.6.2.8
Construction at top of hoistway	8.7.2.1.3	8.7.2.1.3	...
Construction requirements (escalators and moving walks)	...	...	8.7.6.1.5, 8.7.6.2.5
Contact, mechanical lock and	8.7.2.11.2	8.7.3.11	...
Control, change in type of motion	8.7.2.27.5	8.7.3.31.6	...
Control, change in type of operation	8.7.2.27.6	8.7.3.31.7	...
Control equipment	8.7.2.27	8.7.3.31	...
Control of smoke and hot gas	8.7.2.1.5	8.7.2.1.5	...
Control valve	...	8.7.3.24	...
Controller	...	8.7.3.24	...
Counterweight	8.7.2.27.4	8.7.3.31.5	...
	8.7.2.22	8.7.3.26	...

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Item	Electric Elevators	Hydraulic Elevators	Escalators and Moving Walks
Counterweight, location and guarding of	8.7.2.3	8.7.3.3	...
Counterweight, rod type	8.7.2.22.2	...	...
Counterweight safeties	8.7.2.18	8.7.3.15	...
Cylinder	...	8.7.3.23.3	...
Data plate, code	8.7.1.8	8.7.1.8	8.7.1.8
Deadweight of car, increase or decrease in	8.7.2.15.2	8.7.3.21	...
Decrease in travel	8.7.2.17.1	8.7.3.22.1	...
Design	8.7.1.5	8.7.1.5	8.7.1.5
Direct current, change to alternating	8.7.2.27.3	8.7.3.31.4	...
Door, car	8.7.2.14	8.7.3.13	...
Door, hoistway	8.7.2.10.1	8.7.3.10	...
Door, machine room	8.7.2.7.3	8.7.2.7.3	...
Door, power operation of	8.7.2.12	8.7.3.12	...
Doors, reopening device	8.7.2.13	8.7.3.13	...
Doors, restricted opening	8.7.2.11.5	8.7.2.11.5	...
Driving machine	8.7.2.25.1	8.7.3.23	...
Driving machine, change in location of	8.7.2.25.2	8.7.3.23.4	...
Duct in hoistway or machine room	8.7.2.8	8.7.3.8	...
Dumbwaiter, addition of automatic transfer device	8.7.7.2	8.7.7.2	...
Dumbwaiters without automatic transfer devices	8.7.7	8.7.7	...
Egress, escalator	...	8.7.6.1.15	...
Electric contact, mechanical lock and	8.7.2.11.2	8.7.3.11	...
Electric wiring	8.7.2.8	8.7.3.8	8.7.6.1.14, 8.7.6.2.14
Electrically operated control valve	...	8.7.3.24	...
Emergency door	8.7.2.10.1	8.7.2.10.1	...
Emergency operation	8.7.2.28	8.7.3.31.8	...
Emergency signaling device	8.7.2.28	8.7.3.31.8	...
Enclosure, car	8.7.2.14, 8.7.2.27.7	8.7.3.13	...
Enclosure, hoistway	8.7.2.1	8.7.3.1	...
Enclosure, machine room and machinery spaces	8.7.2.7	8.7.2.7	6.1.7, 6.2.7
Entrance, escalator and moving walk	...	...	8.7.6.1.15
Entrance, hoistway	8.7.2.10	8.7.3.10	...
Entrance, horizontal slide type	8.7.2.10.2	8.7.2.10.2	...
Entrance, swing type	8.7.2.10.4	8.7.2.10.4	...
Entrance, vertical slide type	8.7.2.10.3	8.7.2.10.3	...
Entrance assembly, marking of	8.7.2.10.5	8.7.2.10.5	...
Equipment, non elevator	8.7.2.8	8.7.2.8	...
Fastening, suspension rope	8.7.2.21	8.7.3.25	...
Final terminal stopping device	8.7.2.26	8.7.2.26	...
Firefighters' service	8.7.2.28	8.7.3.31.6	...
Fitting, hydraulic	...	8.7.3.24	...
Foundation	8.7.2.9	8.7.3.8	...
Frame, car	8.7.2.15.1	8.7.3.14	...
Freight elevator, change in class of loading	8.7.2.16.2	8.7.3.18	...
Freight elevator changed to passenger service	8.7.2.16.1	8.7.3.17	...
Freight elevator permitted to carry passengers	8.7.2.16.3	8.7.3.19	...
Frequency, change in	8.7.2.27.3	8.7.3.31.4	...
Gate, car	8.7.2.14	8.7.3.13	...
General requirements	8.7.1	8.7.1	8.7.6.1.1, 8.7.6.2.1
Geometry	...	...	8.7.6.1.5(b), 8.7.6.2.5(b)
Governor	8.7.2.19	8.7.3.16	...
Governor rope	8.7.2.19	8.7.3.16	...
Guide rail	8.7.2.24	8.7.3.28	...
Guide shoe, car	8.7.2.15.1	8.7.3.14	...
Guide shoe, counterweight	8.7.2.22	8.7.3.26	...

Item	Electric Elevators	Hydraulic Elevators	Escalators and Moving Walks
Hand elevators	...	8.7.4.3	...
Handrails (escalators and moving walks)	...	...	8.7.6.1.6, 8.7.6.2.6
Headroom, machine room	8.7.2.7.4	8.7.2.7.4	...
Hoistway, addition of elevator to	8.7.2.1.2	8.7.2.1.2	...
Hoistway, construction at bottom of	8.7.2.1.4	8.7.2.1.4	...
Hoistway, construction at top of	8.7.2.1.3	8.7.2.1.3	...
Hoistway, protection of space below	8.7.2.6	8.7.3.6	...
Hoistway door, power operation of	8.7.2.12	8.7.3.12	...
Hoistway door interlocks	8.7.2.11.1	8.7.3.11	...
Hoistway door locking device	8.7.2.11	8.7.3.11	...
Hoistway door unlocking device	8.7.2.11.4	8.7.3.11	...
Hoistway enclosure	8.7.2.1	8.7.3.1	...
Hoistway entrance	8.7.2.10	8.7.3.10	...
Horizontal slide type entrance	8.7.2.10.2	8.7.2.10.2	...
Illumination in car	8.7.2.14	8.7.3.13	...
Inclined elevators	8.7.5.1	8.7.5.1	8.7.6.1.5(a), 8.7.6.2.5(a)
Inclination, angle of	...	...	...
Increase in deadweight of car	8.7.2.15.2	8.7.3.21	...
Increase in rated load	8.7.2.16.4	8.7.3.20	...
Increase in rated speed	8.7.2.17.2	8.7.3.22.2	...
Increase in travel	8.7.2.17.1	8.7.3.22.1	...
Increase in working pressure	...	8.7.3.23.4	...
Inspection	8.7.1.3	8.7.1.3	...
Interlock	8.7.2.11.1	8.7.3.11	...
Jack, hydraulic	...	8.7.3.23	...
Labeling of entrance assembly	8.7.2.10.5	8.7.2.10.5	...
Leveling device	8.7.2.27.2	8.7.3.31.2	...
Lighting in car	8.7.2.14.2(f)	8.7.3.13	8.7.6.1.14, 8.7.6.2.14
Lighting of escalator and moving walk	...	...	...
Lighting of machine room	8.7.2.7.6	8.7.2.7.6	...
Load, increase in	8.7.2.16.4	8.7.3.20	...
Loading, change in class of	8.7.2.16.2	8.7.3.18	...
Location of driving machine, change of	8.7.2.25.2	8.7.3.23.4	...
Location of hydraulic jack, change of	...	8.7.3.23.5	...
Location of hydraulic machine (power unit), change of	...	8.7.3.23.6	...
Lock and contact	8.7.2.11.2	8.7.3.11	...
Locking device, hoistway door	8.7.2.11	8.7.3.11	...
Machine room	8.7.2.7	8.7.3.7	...
Machinery and equipment	8.7.2	8.7.3	8.7.6.1.12, 8.7.6.2.12
Machinery space	8.7.2.7	8.7.3.7	...
Marking of entrance assembly	8.7.2.10.5	8.7.2.10.5	...
Material lift with automatic transfer device	8.7.7.3	8.7.7.3	...
Means of access to machine room	8.7.2.7.2	8.7.2.7.2	...
Mechanical lock and electric contact	8.7.2.11.2	8.7.3.11	...
Mechanically operated control valve	...	8.7.3.24	...
Motion control, change of	8.7.2.27.5	8.7.3.31.6	...
Moving walks	...	...	8.7.6.2
Normal terminal stopping device	8.7.2.26	8.7.3.30	...
Number of elevators per hoistway	8.7.2.1.2	8.7.2.1.2	...
Oil buffer	8.7.2.23	8.7.3.27	...
Operating device	8.7.2.27	8.7.3.31	...
Operating device, top of car	8.7.2.27.1	8.7.3.31.1	...
Operation control, change in type of	8.7.2.27.6	8.7.3.31.7	...

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Item	Electric Elevators	Hydraulic Elevators	Escalators and Moving Walks
Parking device	8.7.2.11.3	8.7.3.11	...
Passenger elevator changed to freight service	8.7.2.16.1	8.7.3.17	...
Passengers, carrying of on freight elevators	8.7.2.16.3	8.7.3.19	...
Phase I and II operation	8.7.2.28	8.7.3.31.8	...
Phases, change in number of	8.7.2.27.3	8.7.3.31.4	...
Pipe in hoistway or machine room	8.7.2.8	8.7.3.8	...
Piping supply	...	8.7.3.24	...
Piston	...	8.7.3.23.2	...
Pit	8.7.2.2	8.7.3.2	...
Platform, car	8.7.2.15.1	8.7.3.14	...
Plunger	...	8.7.3.23.2	...
Power operation of hoistway door	8.7.2.12	8.7.3.12	...
Power supply, change in	8.7.2.27.3	8.7.3.31.4	...
Power unit (hydraulic machine)	...	8.7.3.23.6	...
Pressure tank	...	8.7.3.29	...
Pressure, working, increase of	...	8.7.3.23.4	...
Pressurization of hoistway	8.7.2.1.5	8.7.3.1	8.7.6.1.3, 8.7.6.2.3
Protection of floor openings	...	...	...
Protection of space below hoistway	8.7.2.6	8.7.3.6	8.7.6.1.4, 8.7.6.2.4
Protection of truss and machinery spaces against fire	...	...	...
Rack and pinion	8.7.4.1	...	...
Rated load, increase in	8.7.2.16.4	8.7.3.20	8.7.6.1.11, 8.7.6.2.11
Rated speed, decrease in	8.7.2.17.3	8.7.3.22.3	...
Rated speed, increase in	8.7.2.17.2	8.7.3.22.2	...
Relief valve	...	8.7.3.24	...
Relocation of escalator	...	...	8.7.6.1.2
Relocation of hydraulic machine	...	8.7.3.23.6	...
Relocation of moving walk	...	...	8.7.6.2.2
Repair	8.7.1.7	8.7.1.7	...
Replacement	8.7.1.7	8.7.1.7	8.7.1.7
Reroping	8.7.2.21.1	8.7.3.25	...
Restricted opening of doors	8.7.2.11.5	8.7.2.11.5	...
Rise, increase or decrease in	8.7.2.17.1	8.7.3.22.1	...
Roller guide shoe, counterweight	8.7.2.22	8.7.2.22	...
Roof top elevators	8.7.5.6	8.7.5.6	...
Rope, change in material, grade, number, or diameter	8.7.2.21.1	8.7.3.25.1	...
Rope, governor	8.7.2.19	8.7.3.16	...
Rope, replacement of	8.7.1.7	8.7.1.7	...
Rope, splicing of	8.7.1.7	8.7.1.7	...
Rope, suspension	8.7.2.21.1	8.7.3.25	...
Rope equalizer	8.7.2.21.3	8.7.3.25.2	...
Runby	8.7.2.4	8.7.3.4	...
Runby, after reroping	8.7.2.4	8.7.3.4	...
R Safeties	8.7.2.18	8.7.3.15	...
Safety devices	...	...	8.7.6.1.13, 8.7.6.2.13
Screw column elevators	8.7.4.2	...	...
Service, change in type of	8.7.2.16.1	8.7.3.17	...
Sheave, driving machine	8.7.2.25.1	8.7.2.25.1	...
Sheave, governor	8.7.2.19	8.7.2.19	...
Sheave beam	8.7.2.9	8.7.3.8	...
Shipboard elevators	8.7.5.8	...	...
Shortening of suspension rope	8.7.1.7	8.7.1.7	...
Sidewalk elevators	8.7.5.5	8.7.5.5	...
Signaling device	8.7.2.28	8.7.3.31.6	...
Skylight in machine room	8.7.2.7.5	8.7.3.7	...
Sleeving	...	8.7.3.23.3	...
Smoke, control of	8.7.2.1.5	8.7.2.1.5	...
Special purpose elevators	8.7.5.7	...	...

Not Regulated

Item	Electric Elevators	Hydraulic Elevators	Escalators and Moving Walks
Speed, increase in	8.7.2.17.2	8.7.3.22.2	...
Speed governor	8.7.2.19	8.7.3.16	...
Spring buffer	8.7.2.27	8.7.3.27	...
Step system	...	...	8.7.6.1.7
Stop switch, In-car	8.7.2.14.5	8.7.3.13, 8.7.2.14.5	...
Stop valve	...	8.7.3.24	...
Stopping device, terminal	8.7.2.26	8.7.3.30	...
Storage and discharge tank	...	8.7.3.29	...
Supply piping	...	8.7.3.24	...
Support	8.7.2.9	8.7.3.9	...
Suspension rope	8.7.2.21.1	8.7.3.25	...
Suspension rope, replacement of	8.7.1.7	8.7.1.7	...
Suspension rope, splicing of	8.7.1.7	8.7.1.7	...
Suspension rope equalizer	8.7.2.21.2	8.7.3.25.2	...
Swing type entrance	8.7.2.10.4	8.7.2.10.4	...
Tank	...	8.7.3.29	...
Temporary wiring	8.7.1.6	8.7.1.6	8.7.1.6
Terminal stopping device	8.7.2.26	8.7.3.30	...
Testing	8.7.1.3	8.7.1.3	8.7.1.3
Top of car operating device	8.7.2.27.1	8.7.3.31.1	...
Track system	...	...	8.7.6.1.10, 8.7.6.2.10
Transfer devices, automatic	8.7.7.2	8.7.7.2	...
Travel, increase or decrease in	8.7.2.17.1	8.7.3.22.1	...
Treadway system	...	...	8.7.6.2.7
Truck zoning device	8.7.2.27.2	8.7.3.31.2	...
Trusses and girders	...	...	8.7.6.1.9, 8.7.6.2.9
Type of operation, change in	8.7.2.27.6	8.7.3.31.5	...
Type of service, change in	8.7.2.16.1	...	...
Unlocking device, hoistway door	8.7.2.11.4	8.7.3.11	...
Valve	...	8.7.3.24	...
Ventilation of machine room	8.7.2.7.7	8.7.2.7.7	...
Vertical slide type entrance	8.7.2.10.3	8.7.2.10.3	...
Voltage, change in	8.7.2.27.3	8.7.3.31.4	...
Walls, hoistway enclosure	8.7.2.1.1	8.7.3.1	...
Welding	8.7.1.4, 8.8	8.7.1.4, 8.8	8.7.1.4, 8.8
Window in machine room	8.7.2.7.5	8.7.2.7.5	...
Wire rope	8.7.2.21	8.7.3.25	...
Wiring	8.7.2.8	8.7.3.8	...
Wiring, temporary	8.7.1.6	8.7.1.6	8.7.1.6
Working pressure, increase in	...	8.7.3.23.4	...